

Executive Office of Environmental Affairs
MEPA
Executive Office of Environmental Affairs
EOEA No.: 13841
MEPA Analyst: Holly Johnson
Phone: 617-626-1023

ENF Environmental Notification Form

The information requested on this form must be completed to begin MEPA Review in accordance with the provisions of the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: <i>W. L. BYRNE, INC.</i>		
Street: <i>ROCKY MEADOW STREET</i>		
Municipality: <i>MIDDLEBORO</i>	Watershed <i>TAUNTON</i>	
Universal Transverse Mercator Coordinates:	Latitude: <i>41-53.998</i> Longitude: <i>70-50.118</i>	
Estimated commencement date: <i>5/1/2007</i>	Estimated completion date: <i>5/1/2016</i>	
Approximate cost: <i>\$1,250,000</i>	Status of project design: <i>LESS THAN 1.0%</i> %complete	
Proponent: <i>W. L. BYRNE, INC.</i>		
Street: <i>P.O. BOX 410</i>		
Municipality: <i>MIDDLEBORO</i>	State: <i>MA</i>	Zip Code: <i>02346</i>
Name of Contact Person From Whom Copies of this ENF May Be Obtained: <i>BENJAMIN GILMORE P.E.</i>		
Firm/Agency: <i>GILMORE CONSULTANTS</i>	Street: <i>25 CRANBERRY ROAD,</i> <i>P.O. BOX 67</i>	
Municipality: <i>SOUTH CARVER</i>	State: <i>MA</i>	Zip Code: <i>02366</i>
Phone: <i>(508) 866-3900</i>	Fax: <i>(508) 866-2970</i>	E-mail: <i>CRANCO1 @ ADEPHIA.NET</i>

Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?

Yes No

Has this project been filed with MEPA before?

Yes (EOEA No. _____) No

Has any project on this site been filed with MEPA before?

Yes (EOEA No. _____) No

Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:

a Single EIR? (see 301 CMR 11.06(8)) Yes No

a Special Review Procedure? (see 301CMR 11.09) Yes No

a Waiver of mandatory EIR? (see 301 CMR 11.11) Yes No

a Phase I Waiver? (see 301 CMR 11.11) Yes No

Identify any financial assistance or land transfer from an agency of the Commonwealth, including the agency name and the amount of funding or land area (in acres): N/A

Are you requesting coordinated review with any other federal, state, regional, or local agency?
Yes (Specify _____) No

List Local or Federal Permits and Approvals: *CURRENTLY THIS PROJECT HAS AN EARTH REMOVAL PERMIT ISSUED BY THE MIDDLEBORO BOARD OF SELECTMAN*

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

Land Rare Species Wetlands, Waterways, & Tidelands

Water Wastewater Transportation

Energy Air Solid & Hazardous Waste

ACEC Regulations Historical & Archaeological

Resources

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
LAND				Order of Conditions <input type="text"/>
Total site acreage	217 ACRES	<input type="text"/>	<input type="text"/>	Superseding Order of <input type="text"/>
New acres of land altered	<input type="text"/>	115	<input type="text"/>	Conditions Chapter 91 License

	ACRES			
Acres of impervious area	0	0	0	401 Water Quality
Square feet of new bordering vegetated wetlands alteration		N/A		Certification MHD or MDC Access
Square feet of new other wetland alteration		NONE		Permit Water Management
Acres of new non-water dependent use of tidelands or waterways		NONE		Act Permit New Source Approval DEP or MWRA Sewer Connection/ Extension Permit Other Permits <i>(including Legislative Approvals) – Specify:</i>
STRUCTURES				
Gross square footage	1500	500	2000	
Number of housing units	N/A			
Maximum height (in feet)	N/A			
TRANSPORTATION				
Vehicle trips per day	50	50	50	
Parking spaces	N/A			
WASTEWATER				
Gallons/day (GPD) of water use	N/A			
GPD water withdrawal				
GPD wastewater generation/ treatment	N/A			
Length of water/sewer mains (in miles)	N/A			

CONSERVATION LAND: Will the project involve the conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97?

Yes (Specify _____) x No

X

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction?

Yes (Specify _____) x No

RARE SPECIES: Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?

Yes (Specify _____) x No

HISTORICAL /ARCHAEOLOGICAL RESOURCES: Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?

Yes (Specify _____) x No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

Yes (Specify _____) x No

AREAS OF CRITICAL ENVIRONMENTAL CONCERN: Is the project in or adjacent to an Area of Critical Environmental Concern?

Yes (Specify _____) x No

PROJECT DESCRIPTION: The project description should include (a) a description of the project site, (b) a description of both on-site and off-site alternatives and the impacts associated with each alternative, and (c) potential on-site and off-site mitigation measures for each alternative (You may attach one additional page, if necessary)

(A) Description of the project site:

The project site includes approximately 217 acres of land comprised of Bordering Vegetated wetlands along the south and west boundary, 85.11 acres of cranberry bog, 25 acres of reservoir and canals, and 121 acres of undeveloped land forested in white pine and oak. Site topography is rolling with grades ranging from less than two per cent to more than fifteen percent.

Site soils are predominantly Hinckley Series comprised of gravelly loamy sand as shown on SCS Soil Survey of Plymouth County soil map 36 in upland portions of the site with peat soils in wetland resource areas. The soil composition remains consistent throughout the site.

The upland portions of this site are being converted to manufactured wetlands incidental to the construction of cranberry bogs and associated water supplies. When conversion is complete 85.11 acres of new cranberry bogs added to the existing bogs. Additional 24.5 acres of new reservoir capacity will be added to provide adequate water resources to service this additional acreage.

Additional water resources will be provided in part by expanding the existing reservoir lying along the easterly boundary of the site and in part by constructing a reservoir that will border the new cranberry bog system along the westerly perimeter. These reservoirs will be created by excavation rather than impoundment. In addition to serving as a water supply the reservoir will also act as tailwater recovery pond.

(B) A description of both on-site and off-site alternatives and the impacts associated with each alternative:

The only alternative to the construction of cranberry bogs and reservoir in an upland manufactured wetland is to locate the cranberry bogs and reservoir in a more traditional natural wetland setting. Under current state and federal wetland regulations conversion of wetland resource areas for large-scale agricultural activities is not permitted.

There are no offsite locations that would allow for the conversion of uplands to manufactured wetlands to accommodate the construction of both cranberry bogs and reservoir. Projects of this

nature require suitable site conditions to permit functional systems to be constructed.

(C) Potential on-site and off-site mitigation measures for each alternative:

This project has been designed to meet all performance standards and Best Management Practices. The cranberry bog system has been designed to allow for water used in the cultivation of cranberries to be retained on site and returned to natural ground water systems for aquifer enhancement.